

FORM PTO-1390 (REV. 01-2003)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER  <div style="font-size: 1.5em; font-weight: bold;">10/506753</div>	
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>					
INTERNATIONAL APPLICATION NO. <div style="font-size: 1.2em; font-weight: bold;">PCT/RU03/00083</div>		INTERNATIONAL FILING DATE <div style="font-size: 1.2em; font-weight: bold;">March 7, 2003</div>		PRIORITY DATE CLAIMED <div style="font-size: 1.2em; font-weight: bold;">March 11, 2002</div>	
TITLE OF INVENTION <div style="font-size: 1.2em; font-weight: bold;">Improved Turbine</div>					
APPLICANT(S) FOR DO/EO/US <div style="font-size: 1.2em; font-weight: bold;">Vorobiev et al</div>					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> <p><b>Items 11 to 20 below concern document(s) or information included:</b></p> <ol style="list-style-type: none"> <li>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A preliminary amendment.</li> <li>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20. <input checked="" type="checkbox"/> Other items or information:  <div style="margin-left: 40px; font-size: 1.2em; font-weight: bold;">The applicant is qualified as Small Entity</div> </li> </ol>					

21. ☐ The following fees are submitted:

**BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):**

Neither international preliminary examination fee (37 CFR 1.482)  
nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO  
and International Search Report not prepared by the EPO or JPO. . . . . \$1060.00

International preliminary examination fee (37 CFR 1.482) not paid to  
USPTO but International Search Report prepared by the EPO or JPO ..... \$900.00

International preliminary examination fee (37 CFR 1.482) not paid to USPTO  
but international search fee (37 CFR 1.445(a)(2)) paid to USPTO . . . . . \$750.00

International preliminary examination fee (37 CFR 1.482) paid to USPTO  
but all claims did not satisfy provisions of PCT Article 33(1)-(4) . . . . . \$720.00

International preliminary examination fee (37 CFR 1.482) paid to USPTO  
and all claims satisfied provisions of PCT Article 33(1)-(4)..... **\$100.00**

ENTER APPROPRIATE BASIC FEE AMOUNT =

**CALCULATIONS PTO USE ONLY**

Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	- 20 =		x <b>\$18.00</b>
Independent claims	- 3 =		x <b>\$84.00</b>
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ <b>\$280.00</b>

**TOTAL OF ABOVE CALCULATIONS =**

☐ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.

SUBTOTAL =

Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).

TOTAL NATIONAL FEE =

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +

TOTAL FEES ENCLOSED

**Amount to be refunded:**

**charged:**

- a. ☒ A check in the amount of \$ 590.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. 26-0085 in the amount of \$ \_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 26-0085. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

6 Schoolhouse Way  
Dix Hills, N.Y. 11746

**SIGNATURE**

NAME \_\_\_\_\_

NAME R. N. 28,563

REGISTRATION NUMBER

10/506753

UNITED STATES PATENT AND TRADEMARK OFFICE

Re:

Application of:

VOROBIEV et al.

DT09 Rec'd PCT/PTO 03 SEP 2004

Serial No.:

Filed:

For:

Improved Turbine

Re:

Entry into National Phase of

U.S. Patent Application Corresponding to PCT Application No.:

PCT/RU03/00083

Hon. Commissioner of  
Patents and Trademarks  
Washington, D.C. 20231

Please accept for filing a new U.S. patent application corresponding to the above-named PCT patent application the following documents which are submitted herewith:

- |   |  |
|---|--|
| 1. <input checked="" type="checkbox"/> Transmittal Letter                                 | 7. <input checked="" type="checkbox"/> Simultaneous amendment                              |
| 2. <input checked="" type="checkbox"/> Original Application<br>(Specification and Claims) | 8. <input checked="" type="checkbox"/> Priority Request Form                               |
| 3. <input checked="" type="checkbox"/> Transition of Original<br>Application into English | 9. <input checked="" type="checkbox"/> Filing Fee  |
| 4. <input type="checkbox"/> Sworn Literal Translation                                     | 10. <input checked="" type="checkbox"/> Assignment and Recordation Form                    |
| 5. <input type="checkbox"/> Signed Declaration  | 11. <input checked="" type="checkbox"/> This application is qualified as a small<br>entity |
| 6. <input type="checkbox"/> Sheet(s) of Drawings  | 12. <input checked="" type="checkbox"/> Information Disclosure Statement                   |
|   | 13. <input type="checkbox"/> Other: _____  |

Number:

EQ 016005840 US

If the fee is missing or insufficient, charge to account  
26-0085.

Date of Deposit:

09/03/2004

I hereby certify that this paper and the document transferred to herein are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington D.C. 20231

Respectfully submitted,

I. Zborovsky  
Agent of Applicant  
Reg. No. 28563



10/506753  
DT09 Rec'd PCT/PTO 03 SEP 2004

**UNITED STATES PATENT AND TRADEMARK OFFICE**

In re:

PCT Application:

No. PCT/ RU03/00083

Inventor:

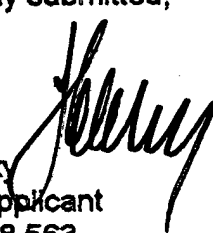
VOROBIEV

Hon. Commissioner of  
Patents and Trademarks  
Washington, D.C. 20231

Sir:

Applicant(s) herewith claim(s) convention priority of the foreign patent application referred to in the Declaration of the present application. A priority document of such foreign application will be forwarded to the U.S. Patent Office by the International Bureau in Geneva.

Respectfully submitted,

  
I. Zborovsky  
Agent of Applicant  
Reg. No. 28,563

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re:

PCT Application

No. PCT/RU03/00083

Inventor: VOROBIEV

Hon. Commissioner of  
Patents and Trademarks  
Washington, D.C. 20231

**REQUEST**

It is respectfully requested to process the present application  
immediately and to issue a filing receipt.

Respectfully submitted,

I. Zborovsky  
Agent of Applicant  
Reg. No. 28,563

